

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
 Data File : BN038176.D
 Acq On : 10 Nov 2025 11:26
 Operator : RC/JU
 Sample : Q3534-05DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-1DL

Quant Time: Nov 10 11:53:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 29 13:09:46 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

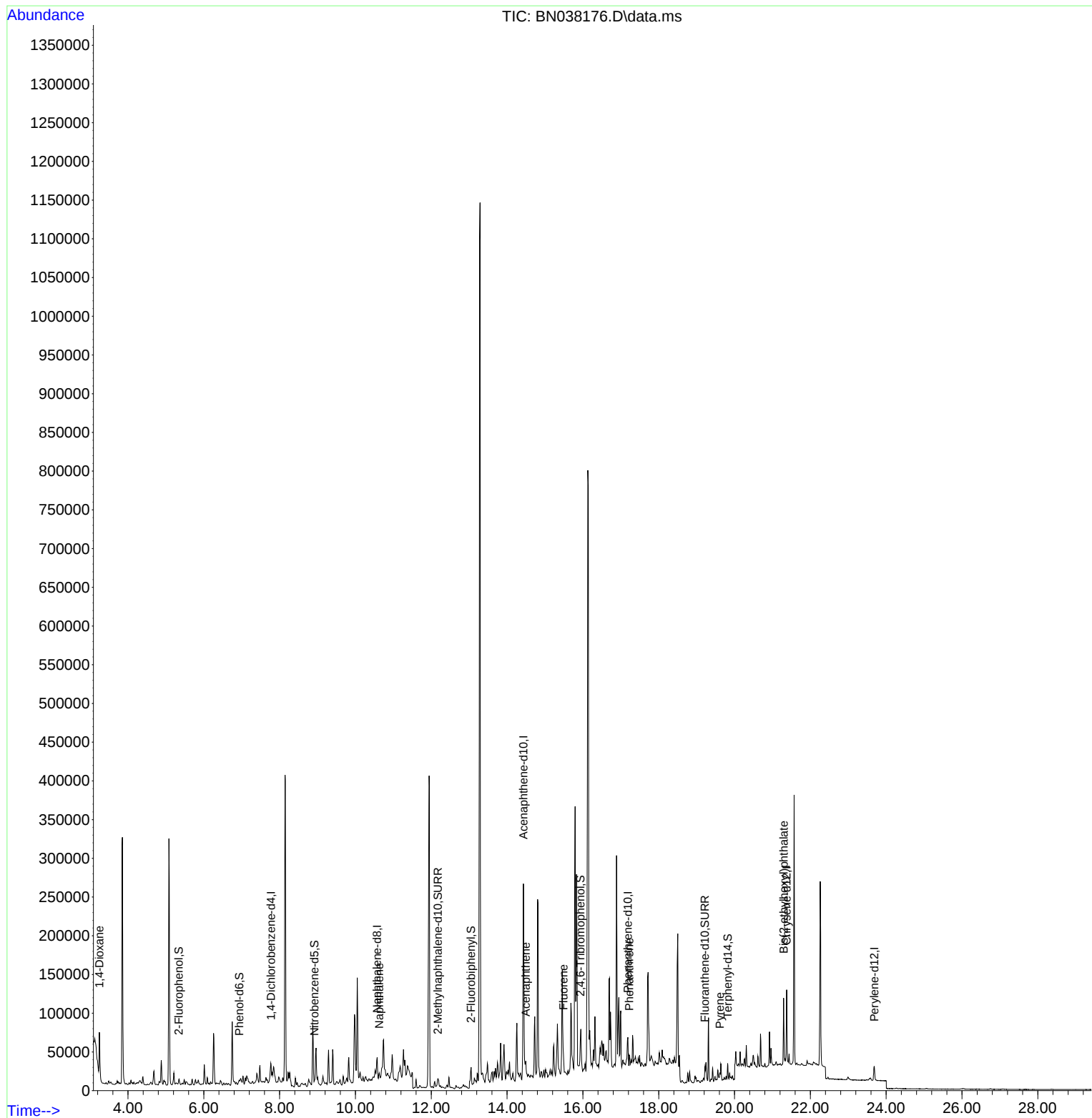
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	9993	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	33147	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	39685	0.400	ng	# 0.00
19) Phenanthrene-d10	17.186	188	43630	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	31483	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	25895	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3513	0.149	ng	0.00
5) Phenol-d6	6.937	99	2646	0.092	ng	0.00
8) Nitrobenzene-d5	8.918	82	5197	0.194	ng	-0.01
11) 2-Methylnaphthalene-d10	12.172	152	9040	0.191	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	2560	0.157	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	16824	0.106	ng	0.00
27) Fluoranthene-d10	19.220	212	22271	0.202	ng	0.00
31) Terphenyl-d14	19.819	244	18892	0.276	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.247	88	34359	3.328	ng	# 62
9) Naphthalene	10.626	128	5986	0.066	ng	# 63
17) Acenaphthene	14.494	154	8783	0.070	ng	# 93
18) Fluorene	15.489	166	12858	0.078	ng	# 61
25) Phenanthrene	17.223	178	6676	0.048	ng	# 81
30) Pyrene	19.615	202	8875	0.062	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.295	149	80278	1.357	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111025\
Data File : BN038176.D
Acq On : 10 Nov 2025 11:26
Operator : RC/JU
Sample : Q3534-05DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

Quant Time: Nov 10 11:53:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

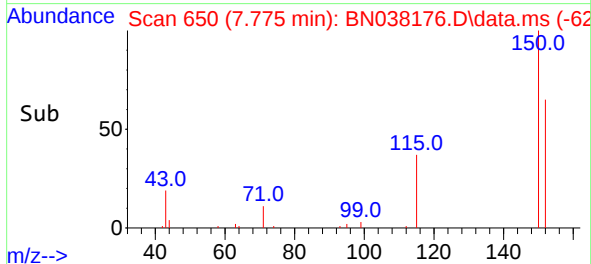
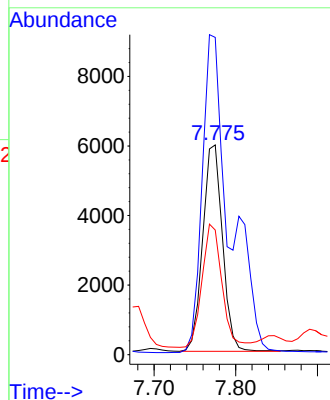
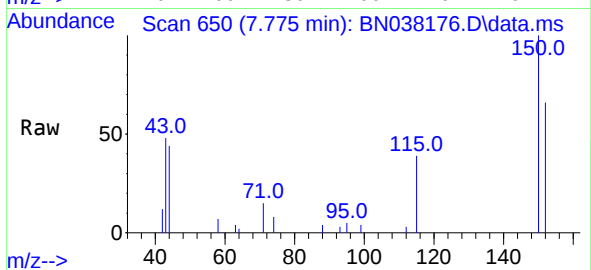




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN038176.D
 Acq: 10 Nov 2025 11:26

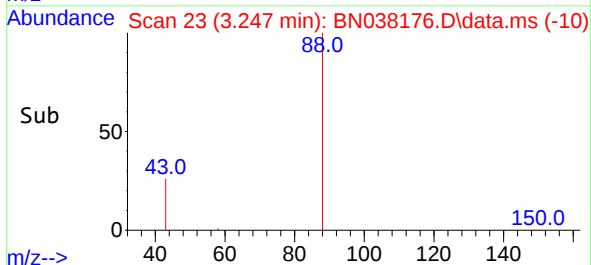
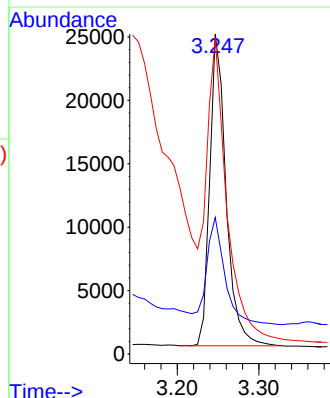
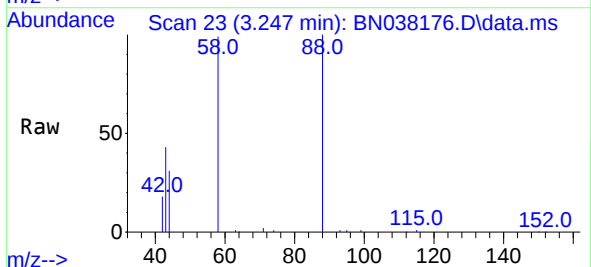
Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-1DL

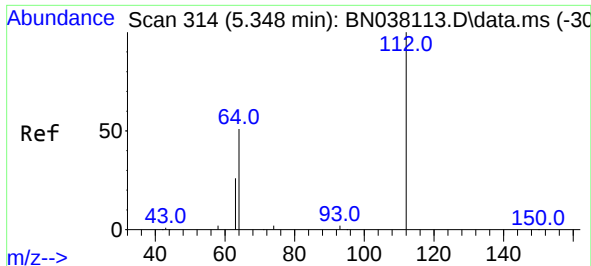
Tgt Ion:152 Resp: 9993
 Ion Ratio Lower Upper
 152 100
 150 151.2 122.3 183.5
 115 59.4 47.4 71.0



#2
 1,4-Dioxane
 Concen: 3.328 ng
 RT: 3.247 min Scan# 23
 Delta R.T. -0.007 min
 Lab File: BN038176.D
 Acq: 10 Nov 2025 11:26

Tgt Ion: 88 Resp: 34359
 Ion Ratio Lower Upper
 88 100
 43 38.6 24.3 36.5#
 58 116.4 60.4 90.6#

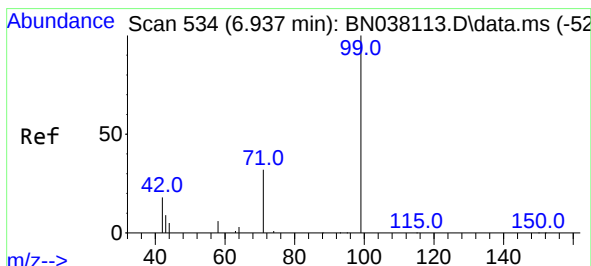
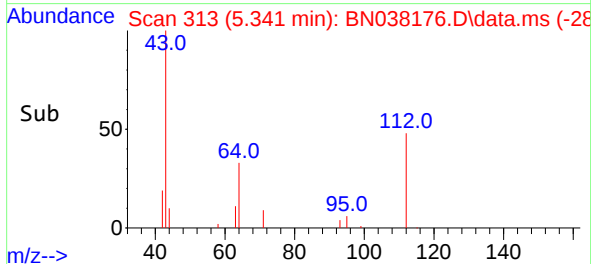
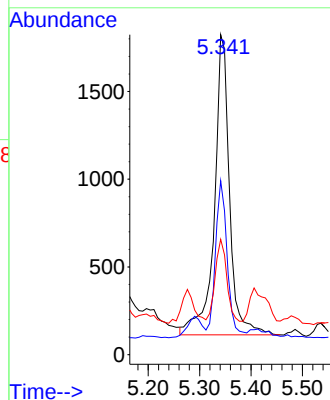
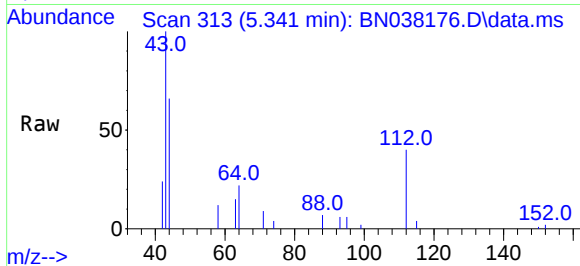




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.341 min Scan# 314
Delta R.T. -0.007 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

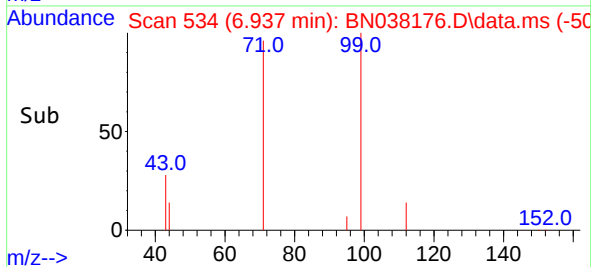
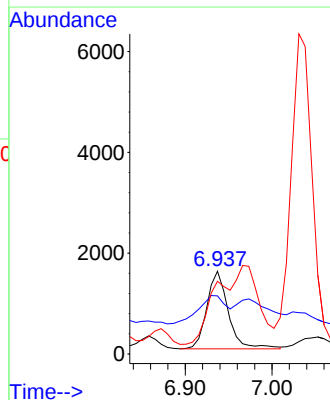
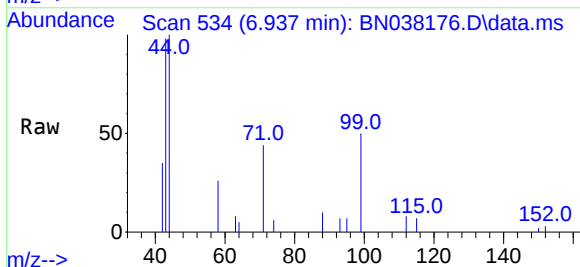
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

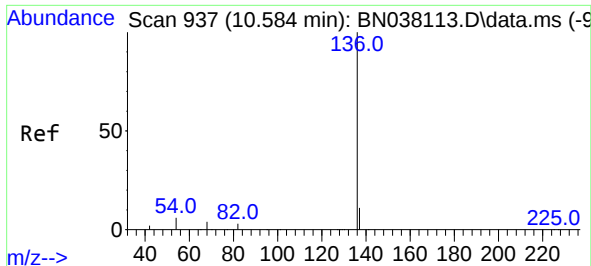
Tgt Ion:112 Resp: 3513
Ion Ratio Lower Upper
112 100
64 40.0 45.4 68.0#
63 21.9 23.2 34.8#



#5
Phenol-d6
Concen: 0.092 ng
RT: 6.937 min Scan# 534
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion: 99 Resp: 2646
Ion Ratio Lower Upper
99 100
42 47.3 16.6 24.8#
71 86.1 25.4 38.2#

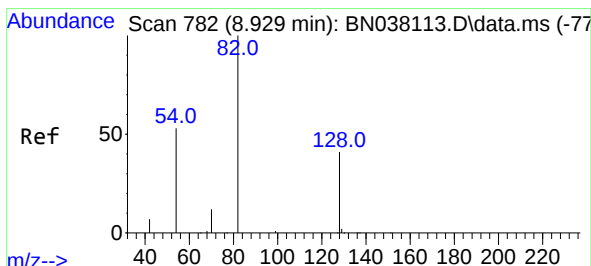
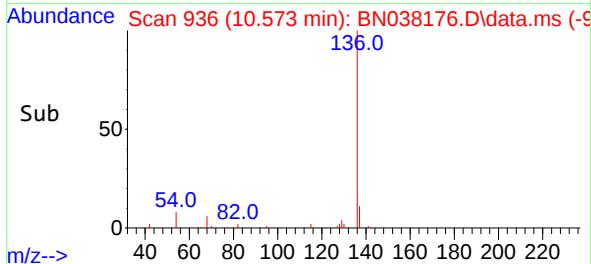
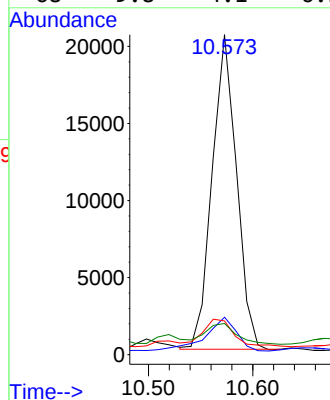
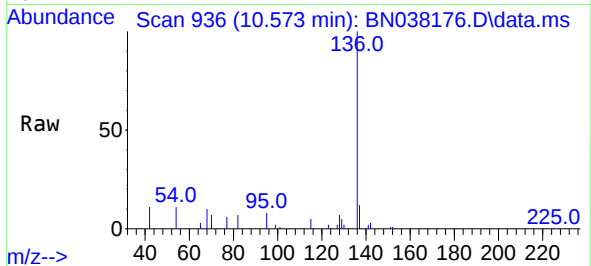




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

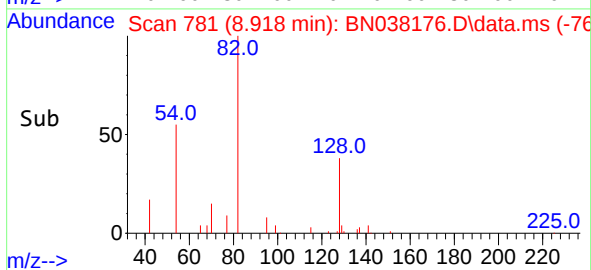
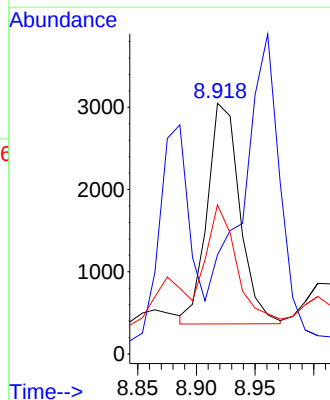
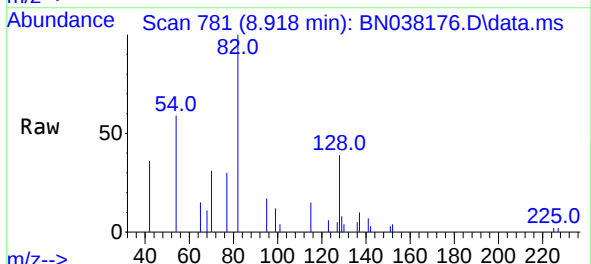
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

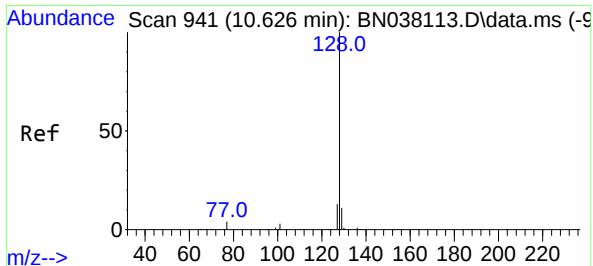
Tgt Ion:136 Resp: 33147
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 10.6 5.2 7.8#
68 9.8 4.1 6.1#



#8
Nitrobenzene-d5
Concen: 0.194 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion: 82 Resp: 5197
Ion Ratio Lower Upper
82 100
128 39.5 34.1 51.1
54 59.5 43.5 65.3

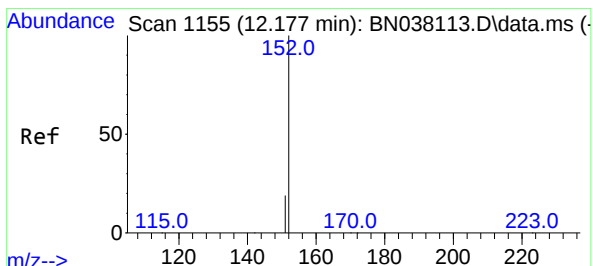
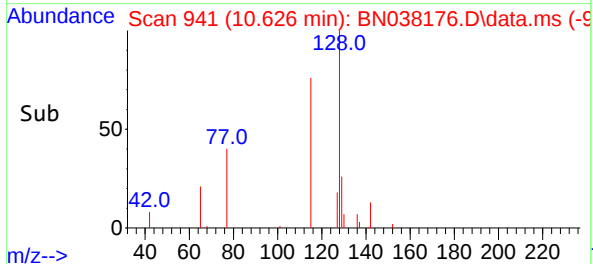
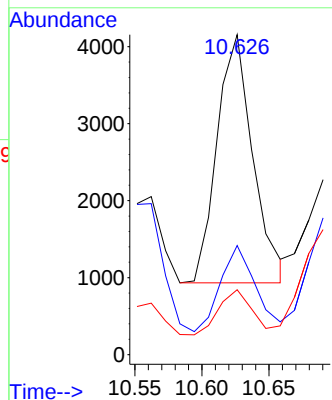
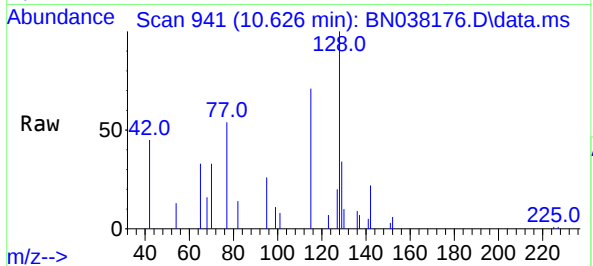




#9
Naphthalene
Concen: 0.066 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

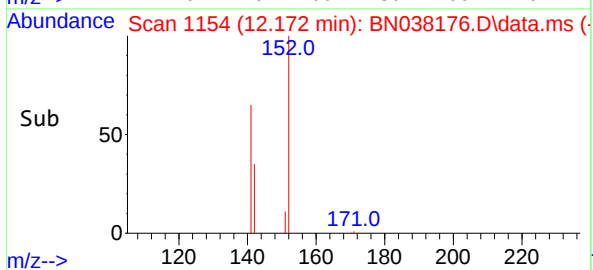
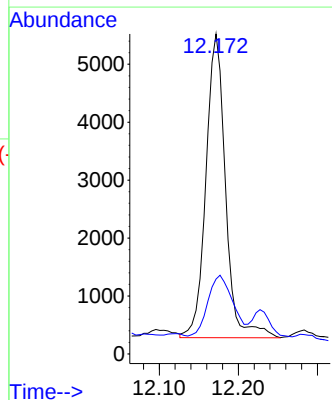
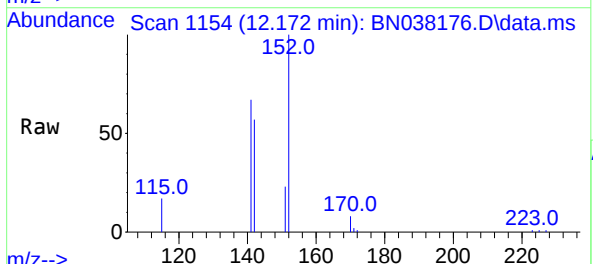
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

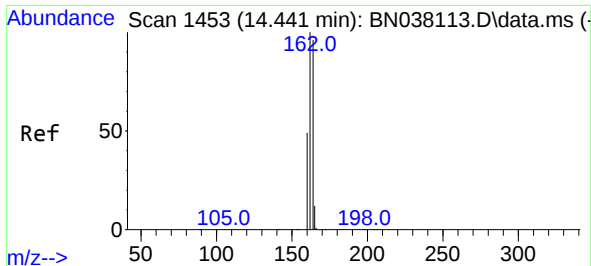
Tgt Ion:128 Resp: 5986
Ion Ratio Lower Upper
128 100
129 34.1 9.1 13.7#
127 20.3 10.5 15.7#



#11
2-Methylnaphthalene-d10
Concen: 0.191 ng
RT: 12.172 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:152 Resp: 9040
Ion Ratio Lower Upper
152 100
151 25.8 16.8 25.2#

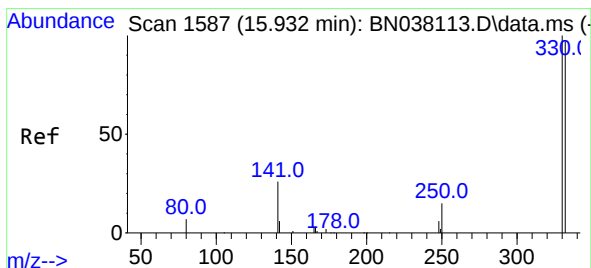
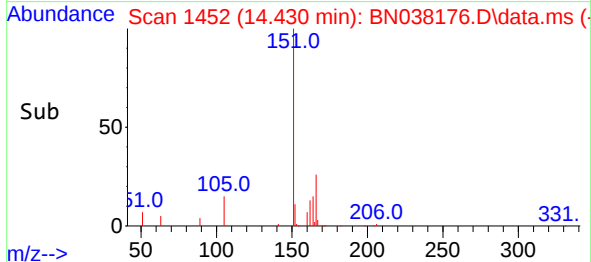
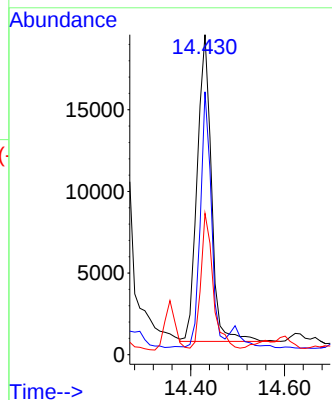
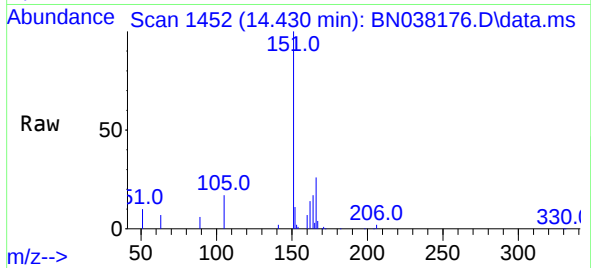




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

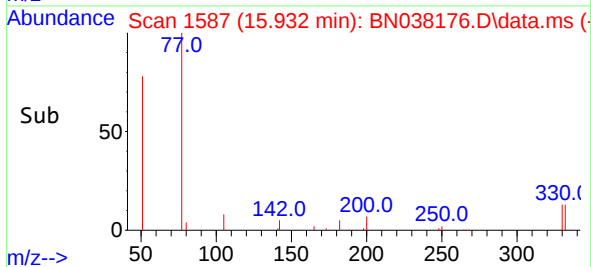
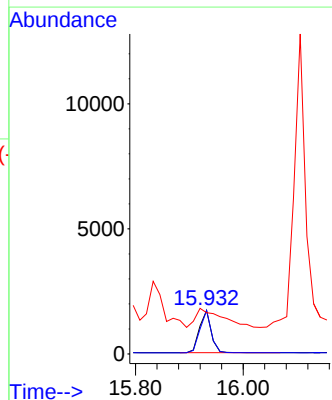
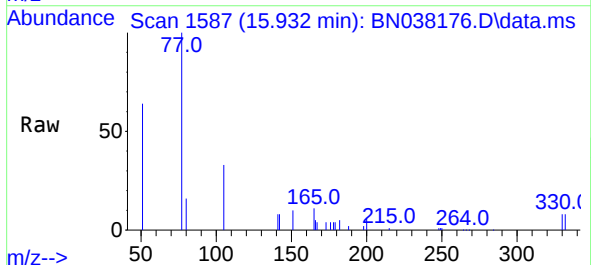
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

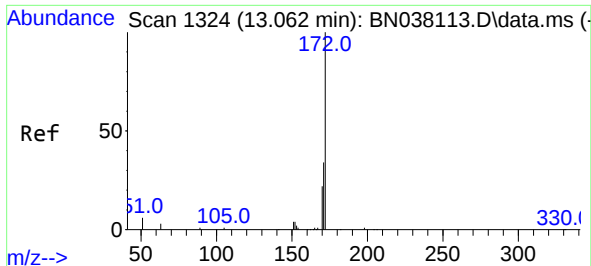
Tgt Ion:164 Resp: 39685
Ion Ratio Lower Upper
164 100
162 82.1 83.0 124.4#
160 44.1 40.7 61.1



#14
2,4,6-Tribromophenol
Concen: 0.157 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:330 Resp: 2560
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 100.4 34.1 51.1#

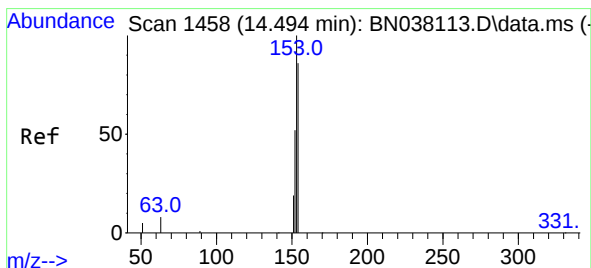
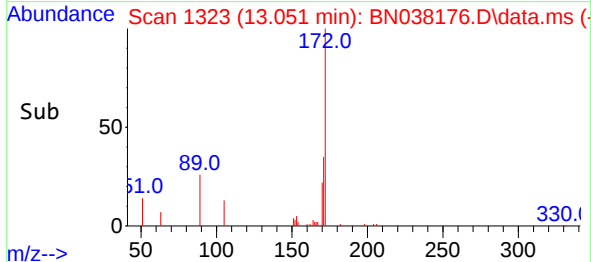
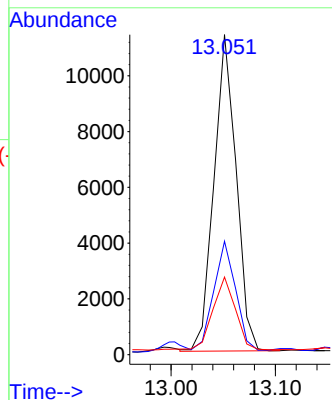
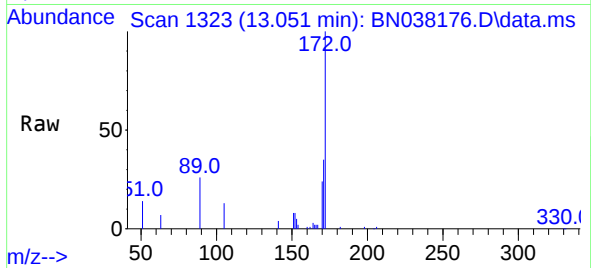




#15
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 13.051 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

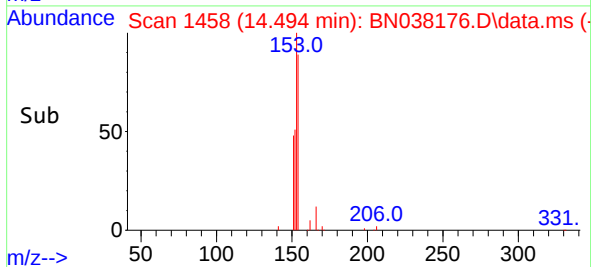
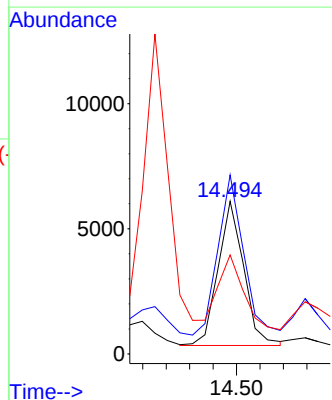
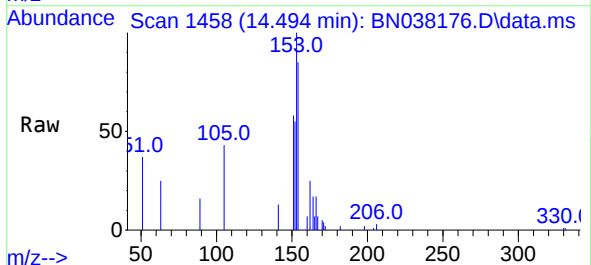
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

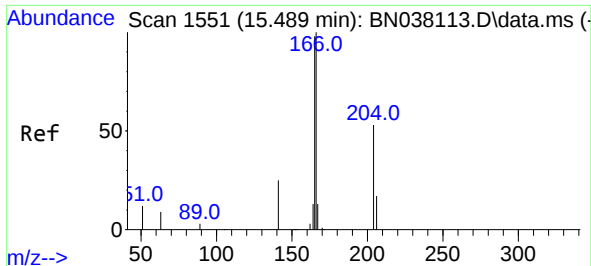
Tgt Ion:172 Resp: 16824
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.2 18.1 27.1



#17
Acenaphthene
Concen: 0.070 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:154 Resp: 8783
Ion Ratio Lower Upper
154 100
153 110.4 90.0 135.0
152 71.3 47.3 70.9#

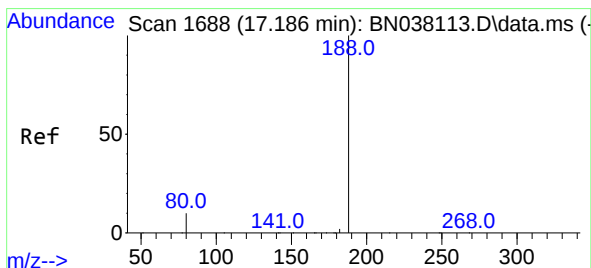
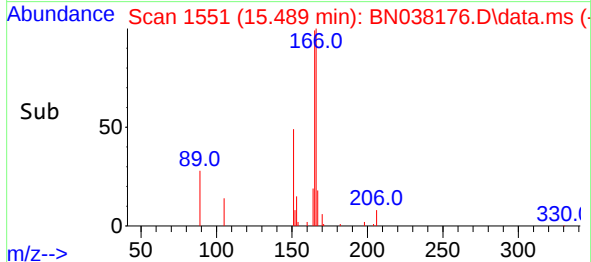
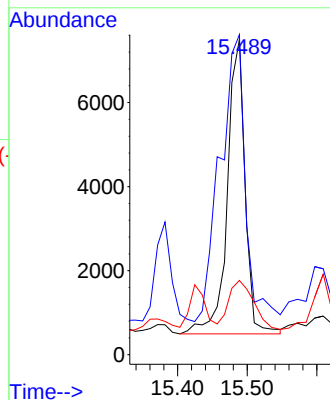
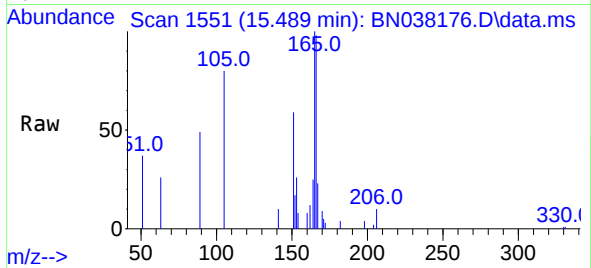




#18
Fluorene
Concen: 0.078 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

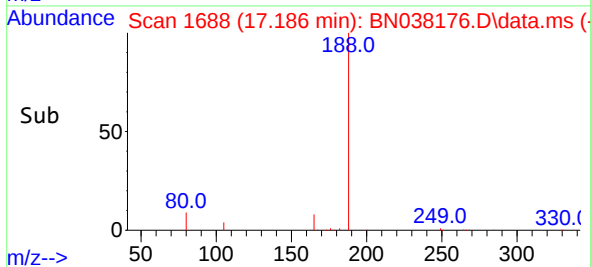
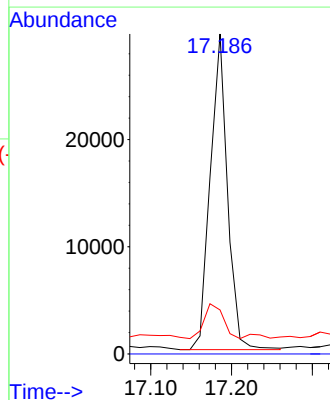
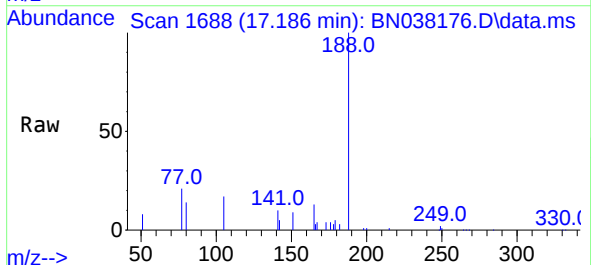
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

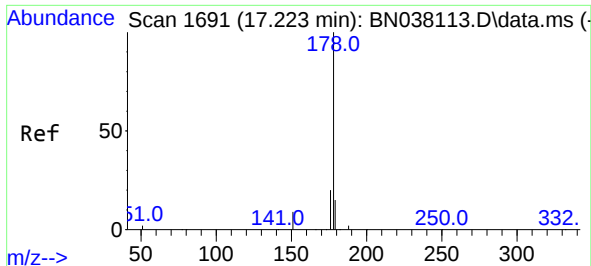
Tgt Ion:166 Resp: 12858
Ion Ratio Lower Upper
166 100
165 138.9 79.0 118.4#
167 23.2 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Tgt Ion:188 Resp: 43630
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 8.6 13.0#

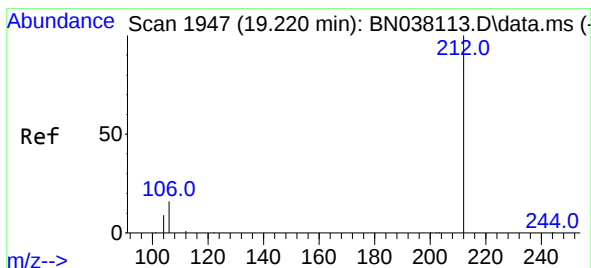
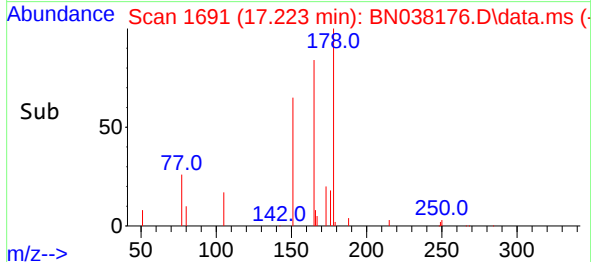
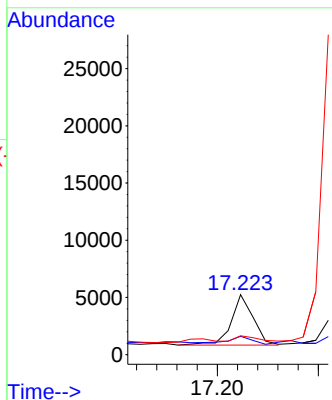
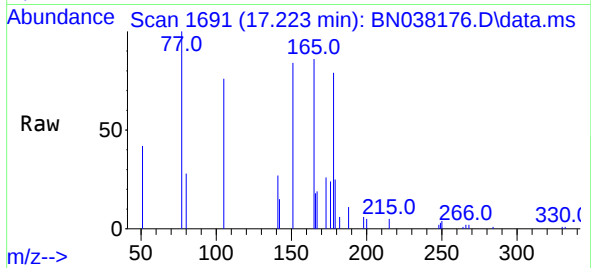




#25
Phenanthrene
Concen: 0.048 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

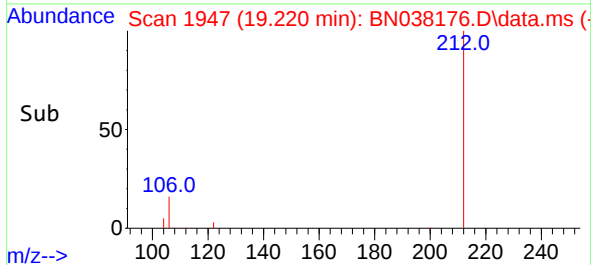
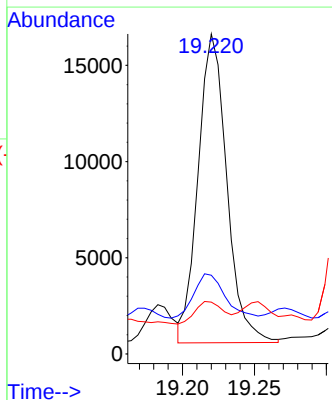
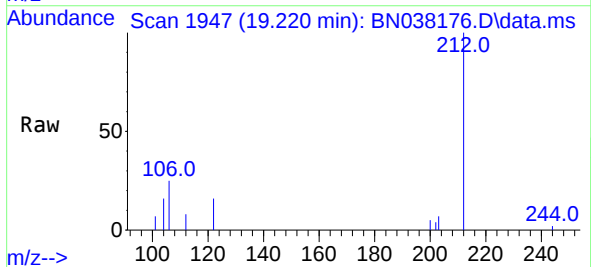
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL

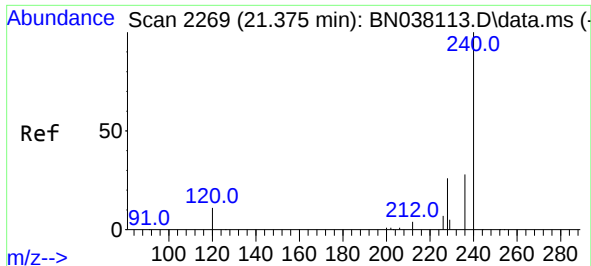
Tgt Ion:178 Resp: 6676
Ion Ratio Lower Upper
178 100
176 16.9 15.5 23.3
179 0.0 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.202 ng
RT: 19.220 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

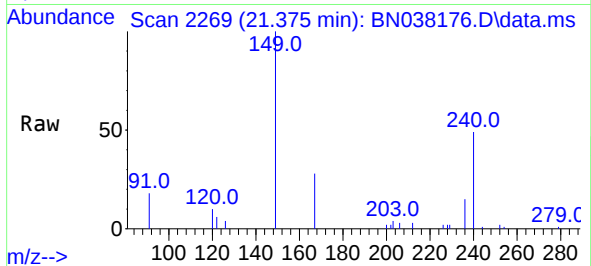
Tgt Ion:212 Resp: 22271
Ion Ratio Lower Upper
212 100
106 19.1 12.6 19.0#
104 7.9 7.1 10.7



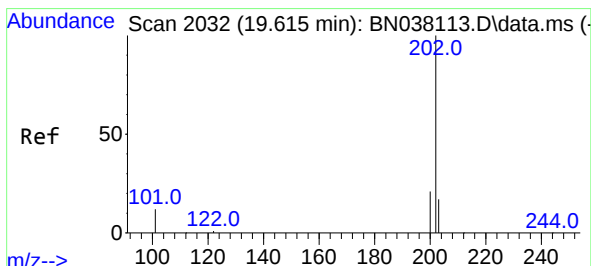
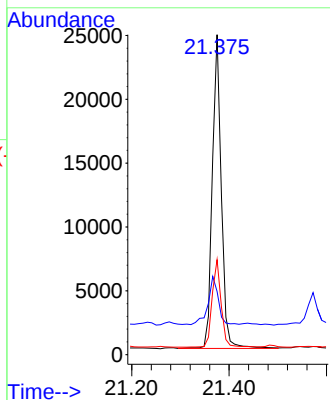
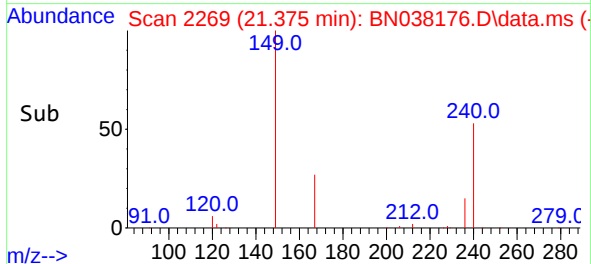


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

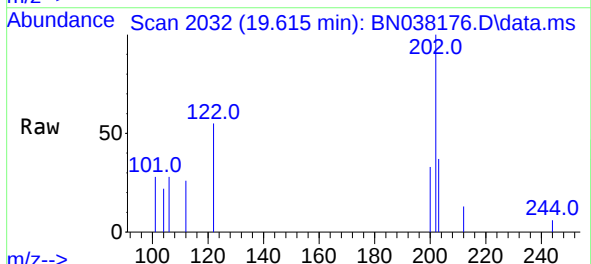
Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL



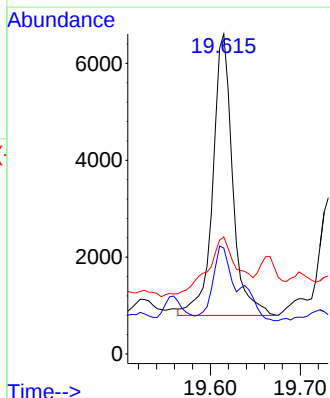
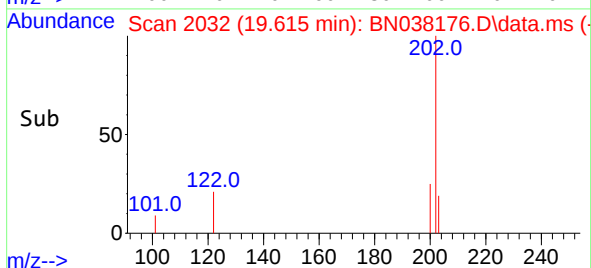
Tgt Ion:240 Resp: 31483
Ion Ratio Lower Upper
240 100
120 19.7 10.7 16.1#
236 29.7 23.1 34.7

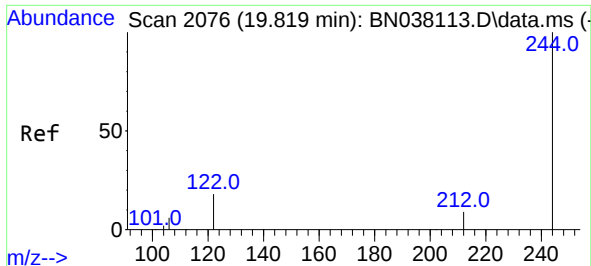


#30
Pyrene
Concen: 0.062 ng
RT: 19.615 min Scan# 2032
Delta R.T. 0.005 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26



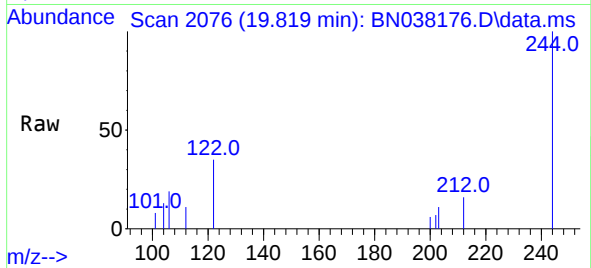
Tgt Ion:202 Resp: 8875
Ion Ratio Lower Upper
202 100
200 21.9 16.7 25.1
203 33.3 14.2 21.2#



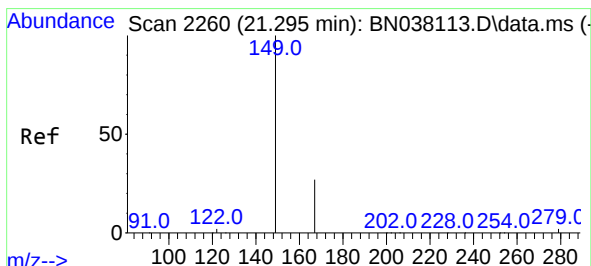
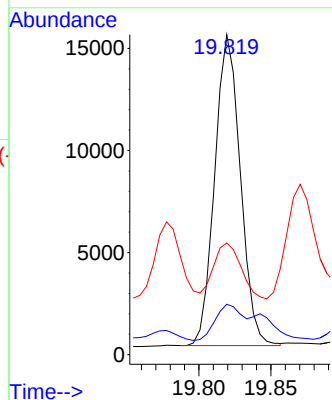


#31
 Terphenyl-d14
 Concen: 0.276 ng
 RT: 19.819 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BN038176.D
 Acq: 10 Nov 2025 11:26

Instrument :
 BNA_N
 ClientSampleId :
 MW-EB-1DL

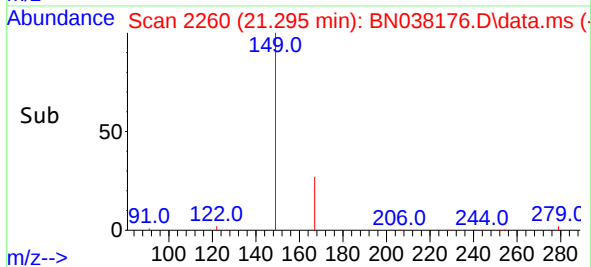
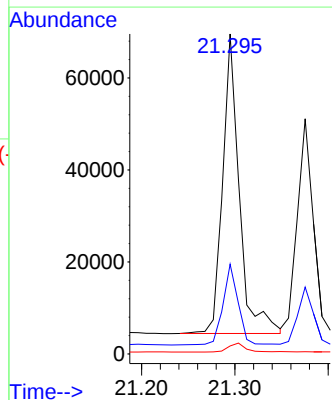
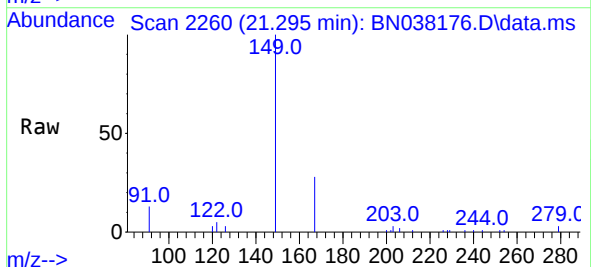


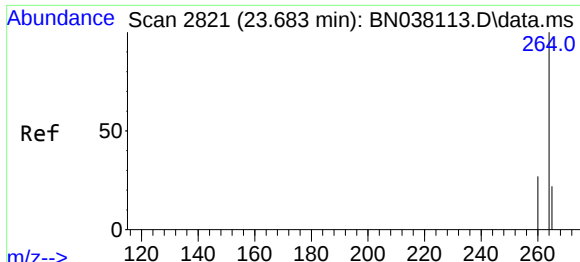
Tgt Ion:244 Resp: 18892
 Ion Ratio Lower Upper
 244 100
 212 15.8 7.8 11.6#
 122 34.9 15.2 22.8#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.357 ng
 RT: 21.295 min Scan# 2260
 Delta R.T. -0.000 min
 Lab File: BN038176.D
 Acq: 10 Nov 2025 11:26

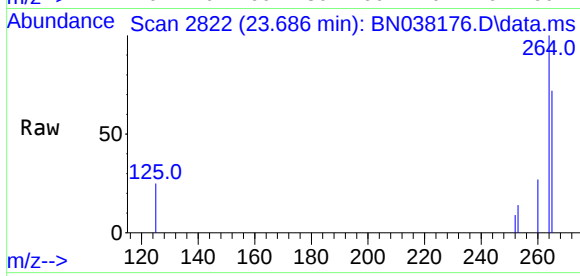
Tgt Ion:149 Resp: 80278
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.1 31.7
 279 3.2 2.9 4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN038176.D
Acq: 10 Nov 2025 11:26

Instrument :
BNA_N
ClientSampleId :
MW-EB-1DL



Tgt Ion:264 Resp: 25895

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.8	32.8
265	71.6	68.6	102.8

